

2012 KENTUCKY ASTHMA PROGRAM FACT SHEET: LINCOLN TRAIL AREA DEVELOPMENT DISTRICT

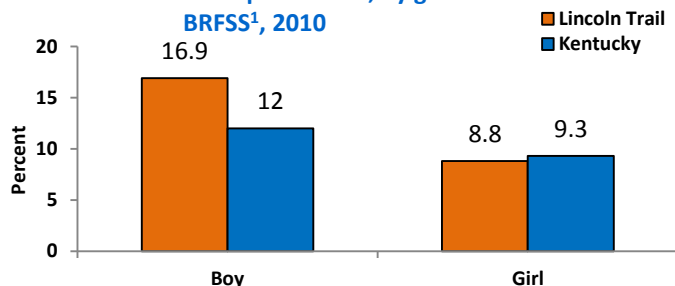
- The Lincoln Trail District of Kentucky is comprised of 8 counties: Breckinridge, Meade, Grayson, Hardin, Larue, Nelson, Washington, and Marion.
- The 2011 Lincoln Trail District population was roughly 273,300. About 68,660 persons were younger than 18 (children), and about 204,700 were 18 or older (adults).



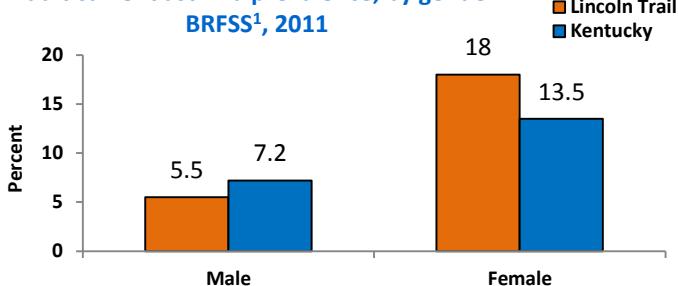
PREVALENCE

- In 2010, an estimated 8,200 children (12.9%) in the Lincoln Trail District currently had asthma compared to 10.7% for Kentucky and 8.4% for the United States.¹ In 2011, an estimated 23,000 adults (11.9%) in this district currently had asthma compared to 10.4% for Kentucky and 9.1% for the United States.¹

Child current asthma prevalence, by gender:



Adult current asthma prevalence, by gender:

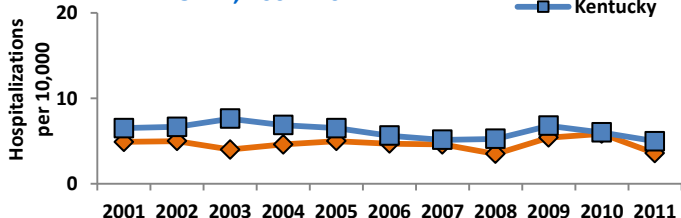


- In 2010, child current asthma prevalence rate was higher in boys and lower in girls in the Lincoln Trail District compared to Kentucky. The adult current asthma prevalence rate was lower in males in this district than it was in the state, and higher in females than it was in the state. (NOTE: BRFSS 2010 data cannot be compared to BRFSS 2011 data because of change in methodology)

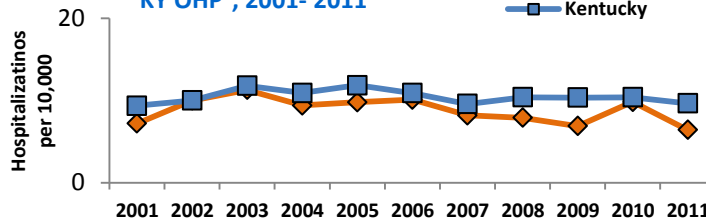
HOSPITALIZATIONS

- In 2011, the age-adjusted hospitalization rate for children was 3.6/10,000 persons compared to the Kentucky rate of 4.9/10,000 persons; while the age-adjusted hospitalization rate for adults was 6.4/10,000 persons compared to the Kentucky rate of 9.7/10,000 persons.

Child age-adjusted asthma hospitalizations:
KY OHP², 2001- 2011



Adult age-adjusted asthma hospitalizations:
KY OHP², 2001- 2011



- Both child and adult asthma hospitalizations were lower from 2008-2011 in this district as compared to Kentucky. Between 2001 and 2011, this district averaged 6.7 asthma hospitalizations/10,000 persons/ year, while Kentucky averaged 8.3 asthma hospitalizations /10,000 persons/ year over the same 11 year period.²

EMERGENCY DEPARTMENT VISITS

- In 2011, the asthma Emergency Department (ED) visits for children were 1.3/1,000 persons, compared to the state rate of 1.9/1,000 persons³ and for adults were 1.8/1,000 persons compared to the state rate of 2.5/1,000 persons.³

MORTALITY

- Between 2001 and 2010, the average age-adjusted asthma deaths were 1.12 /100,000 persons/year in this district compared to 1.10/100,000 persons/year for Kentucky.⁴ In 2010, crude asthma death rates for Kentucky were 1.01/100,000 persons⁴ compared to the US crude death rate of 1.1/100,000 persons.⁵

NOTES:

1. Behavioral Risk Factor Surveillance System (BRFSS).

3. OHP: Preliminary data 2011.

5. CDC Wonder data: <http://wonder.cdc.gov/ucd-icd10.html>

2. Kentucky, Office of Health Policy (OHP), 2001-2011.

4. Office of Vital Statistics, Kentucky, 2001-2010.

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